

SECTION 809

LUMINAIRES

809.01. DESCRIPTION.

This work shall consist of furnishing materials and installing roadway and sign lighting luminaires of various sizes and types in accordance with these Specifications and in reasonably close conformity with the locations and dimensions shown on the Plans or established by the Engineer

809.02. MATERIALS.

All materials furnished, fabricated, assembled, or installed under these Specifications shall be in strict accordance with the details shown on the Plans. The luminaires shall consist of a housing, ballast, reflector, refractor, and lamp of the type and lumen rating specified on the Plans.

The luminaires furnished by the manufacturer shall meet IES standards for the size and type of luminaire specified on the Plans. The manufacturer shall provide photometric test data for each size and type of luminaire to be installed, certified to be conducted in accordance with testing procedures approved by IES.

809.04. CONSTRUCTION METHODS.

Carry out the installation of the luminaires in conformance with the details shown on the Plans.

If specified on the Plans, equip the luminaires with a cut-off visor.

809.05. METHOD OF MEASUREMENT.

Luminaires of the size and type specified will be measured by each unit installed and shall include all materials and hardware.

809.06. BASIS OF PAYMENT.

Accepted luminaires, measured as provided above, will be paid for at the contract unit price as follows:

- | | |
|-----------------------------------|------|
| (A) ROADWAY LUMINAIRE | EACH |
| (B) UNDERPASS LUMINAIRE | EACH |
| (C) POST TOP LUMINAIRE | EACH |
| (D) OVERHEAD SIGN LUMINAIRE | EACH |
| (E) HIGH MAST LUMINAIRES | EACH |
| (F) NAVIGATIONAL LIGHT | EACH |

Such payment shall be full compensation for furnishing all materials, equipment, labor and incidentals required to complete the work as specified.